



Patent
Attorney Docket No. 017753-148

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Edoardo CAMENZIND et al.) Group Art Unit: 3751
Application No. 09/897,476) Examiner: A. Ramana
Filed: July 3, 2001) Confirmation No. 2491
For: DEVICE FOR ADMINISTERING A)
COMPOSITION IN A DUCT OF A)
HUMAN OR ANIMAL BODY)

#8/B
10/17/02
J. Brewer

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Official Action dated May 30, 2002, please amend the
above-captioned application as follows.

IN THE DESCRIPTION:

Replace the original abstract with the new abstract presented herewith on a
separate sheet.

Replace the paragraph beginning on page 40, line 20, with the following:

The inner tool 104 shown in figure 11 also comprises a balloon 6 mounted on
a tube 8 for its inflation. The inner tool also comprises arms 140, here three in
number, carrying cutting parts. The arms are connected via their proximal end to a
common cylindrical support 142 fixed to the tube. Each arm has an elongated spiral
shape around the axis of the catheter, around the balloon. The three arms are
evenly distributed around the axis. The three arms 140 are made in a material that
is elastically flexible. they are at rest when the balloon is deflated as in figure 11.
When the balloon is inflated, as in figure 12, the three arms open out elastically
under the influence of the balloon. They maintain their spiral shape but the radius of

RECEIVED
OCT 17 2002
TECHNOLOGY CENTER 3700

B1

b1
the spiral becomes greater. Each arm has a local flat shape the thickness of the arm extending in a direction radial to the axis. Each arm 140 carries cutting parts on its outer surface that are here formed of sharp ridges 116 which project upwards above the outer surface. Each ridge 116 is of long rectilinear shape and extends from one side to the other of the arm edges. Here the ridges are oriented parallel to the axis of the catheter. All the ridges are therefore parallel to one another and extends from front to back. Figure 15 shows the arrangement of the ridges and arms for a catheter comprising five arms.
